

# Security+

TEIT - 2200 401

## Course Description

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Security+ provides instruction on assessing the security posture of enterprise environments and implementing appropriate security solutions. Instruction is given to identify, analyze, and respond to events and incidents. This course aligns with the objectives of the CompTIA Security+ certification exam. It is recommended students complete TEIT 1210 prior to taking this course.

## Course Student Learning Outcomes

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- Explain security functions and purposes as they relate to network devices.
- Identify and implement risk mitigation techniques and strategies.
- Distinguish and evaluate different network and physical security threats.
- Implement network intrusion detection and prevention technologies.
- Identify and execute appropriate cryptography measures.

## Keys for Success (how to succeed in the course)

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Within the first days of the course, students will work with their instructor to set achievable goals for timely completion of assignments. These assignment goal dates will show up on the student calendar as well as under the Grades section of the Canvas course.

1. Successful students participate in the learning activities and in the Canvas course content regularly.
2. Successful students ask for assistance when clarification of learning content or expectations may be needed.

3. Successful students prioritize study time, work through obstacles and distractions, and complete assignments based on their individualized goal dates to ensure all assignments are complete before the end of the semester.

## Assignment Schedule

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Due Date	Assignment Name	Assignment Type	Points
	<a href="#">10.2 Exam - Protocol, App, and Cloud Security</a>	Assignment	50
	<a href="#">11.2 Exam - Security Governance Concepts</a>	Assignment	50
	<a href="#">12.2 Exam - Risk Management Processes</a>	Assignment	50
	<a href="#">13.2 Exam - Data Protection and Compliance</a>	Assignment	50
	<a href="#">14.2 Final Exam - TestOut Security Pro (Must Be Taken in the Classroom)</a>	Assignment	100
	<a href="#">2.1 Classroom Lab Activity - Antivirus Protection</a>	Assignment	24
	<a href="#">2.2 Exam - Threats, Vulnerabilities, and Mitigations</a>	Assignment	50

Due Date	Assignment Name	Assignment Type	Points
	<a href="#">3.1 Classroom Lab Activites - MD5 Hash and Certificates For Authentication and Encryption</a>	Assignment	24
	<a href="#">3.2 Exam - Cryptographic Solutions</a>	Assignment	50
	<a href="#">4.1.2 Exam - Access Control Models</a>	Assignment	50
	<a href="#">4.2.1 Classroom Lab Activity - Explore and Configure RADIUS</a>	Assignment	24
	<a href="#">4.2.2 Exam - Linux, Remote Access, and Network Authentication</a>	Assignment	50
	<a href="#">5.1.2 Classroom Lab Activity - Next-Gen Firewall Configuration Basics</a>	Assignment	24
	<a href="#">5.1.3 Exam - Devices and Infrastructure</a>	Assignment	50
	<a href="#">5.2.2 Exam - Devices and Infrastructure</a>	Assignment	50
	<a href="#">6.1 Home Lab Activity - Physical Site Security - (Can Be Done From Home)</a>	Assignment	25
	<a href="#">6.2 Exam - Resiliency and Site Recovery</a>	Assignment	50

Due Date	Assignment Name	Assignment Type	Points
	<a href="#">7.1 Home or Classroom Lab Activity - Penetration Testing</a>	Assignment	25
	<a href="#">7.2 Exam - Vulnerability Management</a>	Assignment	50
	<a href="#">8.2 Exam - Network and Endpoint Security</a>	Assignment	50
	<a href="#">9.2 Exam - Incident Response</a>	Assignment	50
	<a href="#">Introduce Yourself</a>	Discussion	0
	<a href="#">Module 8 Classroom Lab Activity - Wi-Fi Pen Test</a>	Assignment	25
	<a href="#">Module 9 Skills Development and Demonstration - Digital Forensics with Autopsy</a>	Assignment	25
	<a href="#">Orientation Quiz</a>	Quiz	4

## Institutional Policies

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As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

## Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

## Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.